

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 0 801 390 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
03.03.1999 Bulletin 1999/09

(51) Int Cl.⁶ **G11B 27/034, G06F 3/033**

(43) Date of publication A2:
15.10.1997 Bulletin 1997/42

(21) Application number: **97301527.4**

(22) Date of filing: **07.03.1997**

(84) Designated Contracting States:
DE FR

(30) Priority: **12.04.1996 GB 9607641**

(71) Applicant: **Sony United Kingdom Limited**
Weybridge, Surrey KT13 0XW (GB)

(72) Inventor: **McGrath, Mark John**
Bracknell, Berkshire RG12 3HH (GB)

(74) Representative: **Turner, James Arthur et al**
D. Young & Co.,
21 New Fetter Lane
London EC4A 1DA (GB)

(54) **Editing of recorded material**

(57) An edit controller for controlling editing of recorded audio and/or video material, in which temporally successive material clips of a edited output material sequence are represented by corresponding clip icons on a display screen displayed in a display order corresponding to the temporal order of replay of the material clips, comprises: user-operable icon control means for providing user-controlled movement of the display position of icons on the display screen; means for detecting, during movement of the display position of a clip icon on the display screen, the clip icon which is nearest on the display screen to a current display position of the clip icon being moved; means for detecting whether the current display position of the clip icon being moved is before or after the detected nearest icon in the display order corresponding to the temporal order of the material clips; and means for generating and displaying on the display screen a direction indicator to indicate whether the current display position of the clip icon being moved is before or after the detected nearest icon in the display order corresponding to the temporal order of the material clips.

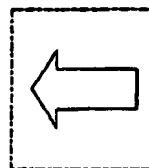


Fig. 7a

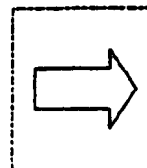


Fig. 7b

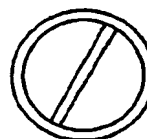


Fig. 7c

EP 0 801 390 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 97 30 1527

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	KAZUAKI TANAKA ET AL: "INTELLIGENT ROUGH VIDEO EDITING SYSTEM" HITACHI REVIEW, vol. 44, no. 4, 1 August 1995, pages 217-220, XP000550273 * the whole document *	1-6	G11B27/034 G06F3/033
A	"ENHANCED ICON FOR LEADING USER THROUGH DRAG AND DROP PROCESS" IBM TECHNICAL DISCLOSURE BULLETIN, vol. 39, no. 3, 1 March 1996, page 121/122 XP000581643 * the whole document *	1-6	
A	EP 0 468 911 A (IBM) 29 January 1992 * the whole document *	1,6	
A	EP 0 564 247 A (ADOBE SYSTEMS INC) 6 October 1993 * figure 10 *	1,4-6	
A	EP 0 113 993 A (MONTAGE COMPUTER CORP) 25 July 1984 * page 5, line 22 - page 6, line 5 *	1,4-6	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G11B G06F
A	US 5 237 648 A (MILLS MICHAEL ET AL) 17 August 1993 * column 6, line 3-29 *	1,4-6	
A	US 5 442 744 A (MORRIS TREVOR ET AL) 15 August 1995 * the whole document *	1-6	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 5 January 1999	Examiner Mourik, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/92 (P4/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 97 30 1527

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

05-01-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0468911 A	29-01-1992	JP 4233628 A	21-08-1992
EP 0564247 A	06-10-1993	CA 2093313 A	04-10-1993
		DE 69320516 D	01-10-1998
		JP 7046462 A	14-02-1995
EP 0113993 A	25-07-1984	US 4538188 A	27-08-1985
		US 4937685 A	26-06-1990
		US 4685003 A	04-08-1987
		US 4979050 A	18-12-1990
		AU 601671 B	20-09-1990
		AU 2431084 A	17-07-1984
		CA 1217559 A	03-02-1987
		JP 2733502 B	30-03-1998
		WO 8402606 A	05-07-1984
		US 5532830 A	02-07-1996
		US 5517320 A	14-05-1996
		US 4939594 A	03-07-1990
		US 5477337 A	19-12-1995
		CA 1292564 A	26-11-1991
		US 4949193 A	14-08-1990
		CA 1292563 A	26-11-1991
		US 4943866 A	24-07-1990
		US 4964004 A	16-10-1990
US 5237648 A	17-08-1993	NONE	
US 5442744 A	15-08-1995	JP 6043839 A	18-02-1994

EPO FORM P0429

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82